



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

RBW6405G04132-3G-7

Job Sheet 199390



Part No: RBW6405G04132-3G-7

Job Qty: 4 pcs *6 pcs. D.A.*

Part Name: Slider



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 8/21/19

Job Tracking No:

Due Date: 9/20/19

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG RBW6405G04132-3G Rev.E IPP Rev. A 19.03.11 New issue DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	SL-154 - 1	4 pcs	9/20/19	9/20/19	1.00	1.00	SL-154 - 1		<i>19/08/28</i>
110	QC 2	4 pcs	9/20/19	9/20/19	0.00	0.00	QC 2 - 1		
							QC 2 - 12		
							QC 2 - 14		
							QC 2 - 17		
							QC 2 - 19		
							QC 2 - 2		
							QC 2 - 20		
							QC 2 - 22		
							QC 2 - 23		
							QC 2 - 25		
							QC 2 - 32		
							QC 2 - 33		<i>19/08/28</i>
							QC 2 - 35		
							QC 2 - 39		
							QC 2 - 4		
							QC 2 - 40		
							QC 2 - 44		
							QC 2 - 45		
							QC 2 - 48		
							QC 2 - 49		
							QC 2 - 50		
							QC 2 - 51		
							QC 2 - 52		
							QC 2 - 57		
							QC 2 - 62		
							QC 2 - 63		
							QC 2 - 8		
							QC 2 - 66		
							QC 2 - 64		
							QC 2 - 65		



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Container No: S209688



Part: RBW6405G04132-3G-7

Job No: 199390

Serial No/Batch: S209688

Revision: E

Inspector:

Exp Date:

Instructions:

Date: 08/20/19

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120	QC 8	4 pcs	9/20/19	0.00 0.00	QC 2 - 5	
					QC 2 - 71	
					QC 2 - 73	
					QC 2 - 69	
					QC 8 - 12	
					QC 8 - 14	
					QC 8 - 17	
					QC 8 - 20	
					QC 8 - 25	
					QC 8 - 3	
					QC 8 - 32	
					QC 8 - 33	
					QC 8 - 35	
					QC 8 - 39	
					QC 8 - 4	
					QC 8 - 44	
					QC 8 - 45	
					QC 8 - 49	MML 19/06/19
					QC 8 - 58	
					QC 8 - 8	
					QC 8 - 9	
					QC 8 - 68	
					QC 8 - 67	
					QC 8 - 1 (A)	
					QC 8 - 47	
					QC 8 - 40	
					QC 8 - 52	
					QC 8 - 23	
					QC 8 - 57	
130	Outsource - 13 - Zinc Plating	4 pcs	9/20/19		GRO002-VC	2019-09-03
140	Packaging 2-1 - Receive - B4B	4 pcs	9/20/19	0.00 0.00	Packaging 2 - 1 - B4B	
					Packaging 2 - 2 - B4B	
					Packaging 2 - 3 - B4B	
					Packaging 2 - 5 - B4B	
					Packaging 2 - 4 - B4B	
					Packaging 2 - 6 - B4B	
					Packaging 2 - 7 - B4B	
					Packaging 2 - 8 - B4B	
					Packaging 2 - 9 - B4B	
					Packaging 2 - 10 - B4B	
					Packaging 2 - 11 - B4B	
					Packaging 2 - 12 - B4B	
					Packaging 2 - 13 - B4B	
					Packaging 2 - 14 - B4B	
					Packaging 2 - 15 - B4B	
					Packaging 2 - 16 - B4B	
					Packaging 2 - 17 - B4B	
					Packaging 2 - 18 - B4B	
					Packaging 2 - 19 - B4B	
					Packaging 2 - 20 - B4B	
					Packaging 2 - 21 - B4B	
					Packaging 2 - 22 - B4B	
					Packaging 2 - 23 - B4B	
					Packaging 2 - 24 - B4B	
					Packaging 2 - 25 - B4B	
					Packaging 2 - 26 - B4B	
150	QC 6	4 pcs	9/20/19	0.00 0.00	QC 6 - 9	
					QC 6 - 68	
					QC 6 - 61	

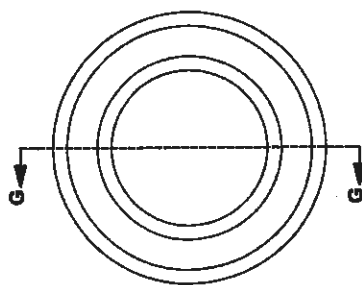
				QC 6 - 40	DAS	
				QC 6 - 81	81	SEP 16 2019
160	Packaging 3-1 - Stock - B4B	4 pcs	9/20/19	0.00 0.00	Packaging 3 - 1 - B4B	9-89
					Packaging 3 - 2 - B4B	
					Packaging 3 - 3 - B4B	
					Packaging 3 - 4 - B4B	
					Packaging 3 - 5 - B4B	DAS
					Packaging 3 - 6 - B4B	28
					Packaging 3 - 7 - B4B	9-89
					Packaging 3 - 8 - B4B	
					Packaging 3 - 9 - B4B	
					Packaging 3 - 10 - B4B	
					Packaging 3 - 11 - B4B	
					Packaging 3 - 12 - B4B	
					Packaging 3 - 13 - B4B	
					Packaging 3 - 14 - B4B	
					Packaging 3 - 15 - B4B	
					Packaging 3 - 16 - B4B	
					Packaging 3 - 17 - B4B	
					Packaging 3 - 18 - B4B	
					Packaging 3 - 19 - B4B	
					Packaging 3 - 20 - B4B	
					Packaging 3 - 21 - B4B	
					Packaging 3 - 22 - B4B	
					Packaging 3 - 23 - B4B	
					Packaging 3 - 24 - B4B	
					Packaging 3 - 25 - B4B	
					Packaging 3 - 26 - B4B	
170	QC 21 - SA	4 pcs	9/20/19	0.00 0.00	QC 21 - SA - 21	DAS
					QC 21 - SA - 70	21
						9-89
Part Op 100 - 1-Machine as per folio FC937 FOLIO REV: <u>44</u> DWG REV: <u>E</u> 2-Debur Descriptions: 110 - QC2- Inspect parts off machine FAI/FAIB 120 - QC8- Inspect parts - second check 130 - -Issue P/O; <u>44400</u> -Zinc plate, ASTM B633 TYPE 2 SC2 -Color; yellow -Material type; 4140 -Certificate of Conformity is required 140 - (Receive & Inspect for Damage & Mat'l Certs) Certificate of Conformity is required 150 - QC6- All purchased or subcontracted products 160 - Identify as per dwg & Stock Location: 170 - QC21- Final Inspection - Work Order Release						
Job BOM						
Part / Item	Component Name	Quantity	Operation	Container		
MT-4140QT-R1.250	AISI 4140 Quenched & Tempered Steel Round Bar 1.250" Dia.	.9600 ft (.24 ea)	100-SL-154 - 1	<u>503966</u>		
				<u>5017918</u>		
Job Allocations						
Operation	Component Part	Required	Inventory	Allocated		
100-SL-154 - 1	MT-4140QT-R1.250	1	6	0		
Part Specifications						
Specifications could not be found.						

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~~198053~~

INSPECTION SHEET

Rev	Date	Change	Revised by	Approved
A	14.07.31	New Issue	KJ	



WORK ORDER
NO. ~~98033~~ 19939 P5561
MCS 220722

RBW6405G04132-3G-7 SLIDER

NOTES:

- 1) MATERIAL: 4140 (28-32 RC)
- 2) HEAT TREAT: N/A
- 3) FINISH: ZINC PLATE (YELLOW OR BLACK) PER ASTM B633 TYPE 2 CLASS 2
- 4) TOLERANCES: X.XX = $\pm 0.01"$ / $\pm 0.5^\circ$
X.XXX = $\pm 0.005"$ / $\pm 0.1^\circ$
X.XXXX = $\pm 0.0005"$ / $\pm 0.05^\circ$
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) REMOVE ALL SHARP EDGES AND BURRS
- 7) IDENTIFICATION: N/A

Entered: _____ Date: _____

WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐



Job: _____ Part No. _____		DISPOSITION Rework ☐ ☐ ☐ Scrap ☐ ☐ ☐ Use-as-is ☐ ☐ ☐		DEPARTMENT/PROCESS Cross tube ☐ ☐ ☐ ☐ ☐ ☐ Small Fab ☐ ☐ ☐ ☐ ☐ ☐ Finishing ☐ ☐ ☐ ☐ ☐ ☐ Skid-tube ☐ ☐ ☐ ☐ ☐ ☐ Machining ☐ ☐ ☐ ☐ ☐ ☐ Large Fab ☐ ☐ ☐ ☐ ☐ ☐ Eng. (Non-AW) ☐ ☐ ☐ ☐ ☐ ☐ Prod. Eng. Coord. ☐ ☐ ☐ ☐ ☐ ☐ Rec/Store/Packaging ☐ ☐ ☐ ☐ ☐ ☐ Engineering ☐ ☐ ☐ ☐ ☐ ☐ Water Jet ☐ ☐ ☐ ☐ ☐ ☐ Supplier ☐ ☐ ☐ ☐ ☐ ☐ Quality ☐ ☐ ☐ ☐ ☐ ☐		MRB (QS042)																																																																									
Date: _____		Sequence #: _____		QTY Affected: _____		MRB (QS042)																																																																									
Description Work Order Deviation				Disposition																																																																											
Root Cause <table border="1"> <tr> <td>Operator</td><td>☐</td> </tr> <tr> <td>Manufacturing Process</td><td>☐</td> </tr> <tr> <td>Equip/Tooling</td><td>☐</td> </tr> <tr> <td>Handling/Preservation</td><td>☐</td> </tr> <tr> <td>Material</td><td>☐</td> </tr> <tr> <td>Product Improvement</td><td>☐</td> </tr> <tr> <td>Process Improvement</td><td>☐</td> </tr> <tr> <td>Human Factors</td><td>☐</td> </tr> </table>				Operator	☐	Manufacturing Process	☐	Equip/Tooling	☐	Handling/Preservation	☐	Material	☐	Product Improvement	☐	Process Improvement	☐	Human Factors	☐	FAULT CATEGORY <table border="1"> <tr> <td>Pressure/Forced</td><td>☐</td> <td>Contamination</td><td>☐</td> <td>Power Loss/Surge</td><td>☐</td> <td>Positioned Wrong</td><td>☐</td> </tr> <tr> <td>Bending</td><td>☐</td> <td>Misaligned/off center</td><td>☐</td> <td>Folio/Program</td><td>☐</td> <td>Outside Tolerance</td><td>☐</td> </tr> <tr> <td>Crushing</td><td>☐</td> <td>BOM/Route</td><td>☐</td> <td>Grain Direction</td><td>☐</td> <td>Drawing</td><td>☐</td> </tr> <tr> <td>Cracks</td><td>☐</td> <td>Broken/Damage/Defect</td><td>☐</td> <td>Weld</td><td>☐</td> <td>Finish</td><td>☐</td> </tr> <tr> <td>Crimp/Kink/Ripple/Wave/Twist</td><td>☐</td> <td>Incomplete/Unclear Instructions</td><td>☐</td> <td>Wrong Stock Pulled</td><td>☐</td> <td>Part Lost/Missing</td><td>☐</td> </tr> <tr> <td>Marks/Chatter</td><td>☐</td> <td>Drill Holes</td><td>☐</td> <td>Out of Sequence</td><td>☐</td> <td>Misread</td><td>☐</td> </tr> <tr> <td>Mislabeled</td><td>☐</td> <td>Fit/Function</td><td>☐</td> <td>Off-set/Set-up</td><td>☐</td> <td></td><td></td> </tr> </table>				Pressure/Forced	☐	Contamination	☐	Power Loss/Surge	☐	Positioned Wrong	☐	Bending	☐	Misaligned/off center	☐	Folio/Program	☐	Outside Tolerance	☐	Crushing	☐	BOM/Route	☐	Grain Direction	☐	Drawing	☐	Cracks	☐	Broken/Damage/Defect	☐	Weld	☐	Finish	☐	Crimp/Kink/Ripple/Wave/Twist	☐	Incomplete/Unclear Instructions	☐	Wrong Stock Pulled	☐	Part Lost/Missing	☐	Marks/Chatter	☐	Drill Holes	☐	Out of Sequence	☐	Misread	☐	Mislabeled	☐	Fit/Function	☐	Off-set/Set-up	☐		
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Other/Details: _____																																																																															
Completed By				Lead hand / Supervisor																																																																											
QC / QA Coordinator				QC / QA Coordinator																																																																											

PURCHASE ORDER



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

POHB044400



Supplier: GRO002-VC
Group Altech
2455 Halpern
St Laurent
QC
H4S 1N9 Canada
Phone: 514-335-3666
Fax: 514-335-3868

Attention: Grenon, Sylvie

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: POHB044400

PO Date: 9/3/19

Due Date: 9/11/19

**Purchase Order
Revision:**

Revision Date:

Ship-To Contact: Guerin, Kimberley
Phone: 613-632-5200 Ext: 298
kguerin@dartaero.com

Via: Ground

Pymt Terms: Net 60

Freight Terms:

Special Comments:

EMAILED
2019-09-04

Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	196961	RBW109-3501-03-17-1	Weldment -Issue P/O -Zinc plate, ASTM B633 TYPE 1 SC2 -Color, Clear -Material type; 4140 -Certificate of Conformity is required	Firmed	-	9/11/19	2 pcs	0 pcs	2 pcs	\$1.10/pcs	\$2.20
				X2		SEP 10 2019				DP	
						S209 280					
						SEP 10 2019					
	196961-A	S209494		Firmed	X4	9/11/19	4 pcs	0 pcs	4 pcs	\$1.10/pcs	\$4.40
										DP	
Sub Total:							6	0	6		\$6.60

2	199390	RBW6405G04132-3G-7	Slider -Issue P/O; -Zinc plate, ASTM B633 TYPE 2 SC2 -Color; yellow -Material type; 4140 -Certificate of Conformity is required	Firmed	-	9/11/19	6 pcs	0 pcs	6 pcs	\$2.85/pcs	\$17.10
				X6		SEP 10 2019				DP	
						S209 688					



Dart Aerospace Ltd.
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PURCHASE ORDER

POHB044400



Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
3	196558	RBW6705G02231-3G	Rigging Pin Assembly N3 -Issue P/O to Groupe Altech: P/O -Zinc plate, ASTM B633 TYPE 1 SC2 -Certificate of Conformity is required	Firmed	-	9/11/19	10 pcs	0 pcs	10 pcs	\$7.50/pcs	\$75.00
							SEP 10 2019				
4	198076	RBW6305G11731-3G-05	Lug (Outside Processing - Zinc Plating) -Issue P/O to GROUPE ALTECH: P/O -Zinc plate, ASTM B633 TYPE 2 SC2 -Color; yellow -Material type; 1018 -Certificate of Conformity is required	Firmed	-	9/11/19	12 pcs	0 pcs	12 pcs	\$1.65/pcs	\$19.80
							SEP 10 2019				
5	198072	RBW6305G11631-3G-07	Threaded Shaft Outsource13 (Outside Processing - Zinc Plating) -Issue P/O to GROUPE ALTECH: P/O -Zinc plate, ASTM B633 TYPE 2 SC2 -Color yellow -Certificate of Conformity is required	Firmed	-	9/11/19	6 pcs	0 pcs	6 pcs	\$4.55/pcs	\$27.30
							SEP 10 2019				
Grand Total:										\$145.80	



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PURCHASE ORDER

POHB044400



Order Notes

Procurement Quality Clauses

A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)

A022 Apical Processing

A024 process certifications
A026 certification of material conformance

A041 quality management system

A042 dart notification by supplier
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 9/4/19 10:03 AM Dart.Guerin.Kimberley



Certificat de Conformité / Certificate of Compliance

(022087-1)

2455, Rue Halpern | Saint-Laurent | Québec | H4S 1N9
 Tel: 514-335-3666 Fax: 514-335-3868
 www.groupaltech.com

Bon de Livraison / Packing Slip

022087 - 1

Livré à / Ship to

DART AEROSPACE LTD
 1270 ABERDEEN STREET
 HAWKESBURY, ON, K6A1K7
 CANADA
 Tel.: 613-632-5200 Fax.:

Client / Customer:

DART AEROSPACE LTD
 1270 ABERDEEN STREET
 HAWKESBURY, ON, K6A1K7
 CANADA
 BUYER:

SEP 09 2019

DART AEROSPACE LTD.

Date expédition Ship date		Créé Par Generated By		Transport / No de Compte Courier / Acc. No.		Bon de commande Client Customer Purchase Order No.			
06-Sep-2019		Jigar Patel				POHB044400			
#Ligne Line#	No. de Série / # Pièce Part Number / Line Item Details Job # / Ref #	Description pièce(s)	CATG. U/M	Comm. /Ordered	Exp/ Shipped	Qté NC/ NC Qty	Qté Scrap/	À venir/ Back Order	
1	RBW109-3501-03-17-1 Rev.	RBW109-3501-03-17-1 ZINC-CLEAR TRI [ZINC CLEAR TRIVALENT] 24 HRS AS PER ASTM B633 TYPE - 1, SC - 2 0.0003 " THICKNESS	ZINC CH	2	2	0	0	0	
2	RBW109-3501-03-17-1 Rev.	RBW109-3501-03-17-1 ZINC-CLEAR TRI [ZINC CLEAR TRIVALENT] 24 HRS AS PER ASTM B633 TYPE - 1, SC - 2 0.0003 " THICKNESS	ZINC CH	4	4	0	0	0	
3	RBW6405G04132-3G-7 Rev.	RBW6405G04132-3G-7 ZINC-YELLOW [ZINC YELLOW] OLD YELLOW CHROMATE, 96 hours AS PER ASTM B633 TYPE - 2, SC - 2 0.0003 " THICKNESS	ZINC CH	6	6	0	0	0	
4	RBW6705G02231-3G Rev.	RBW6705G02231-3G ZINC-CLEAR TRI [ZINC CLEAR TRIVALENT] 24 HRS AS PER ASTM B633 TYPE - 1, SC - 2 0.0003 " THICKNESS	ZINC CH	10	10	0	0	0	
5	RBW6305G11731-3G-05 Rev.	RBW6305G11731-3G-05 ZINC-CLEAR TRI [ZINC CLEAR TRIVALENT] 24 HRS AS PER ASTM B633 TYPE - 2, SC - 2 0.0003 " THICKNESS	ZINC CH	12	12	0	0	0	
6	RBW6305G11631-3G-07 Rev.	RBW6305G11631-3G-07 ZINC-CLEAR TRI [ZINC CLEAR TRIVALENT] 24 HRS AS PER ASTM B633 TYPE - 2, SC - 2 0.0003 " THICKNESS	ZINC CH	6	6	0	0	0	

RECEIVED

Notes Additionnelles / Additional Notes:

SEP 09 2019

2 Boxes

DART AEROSPACE LTD.

Epaisseur réelle
Actual Thickness

Inspecteur Qualité
Quality Inspector

Réçu par
Received By

SEP 09 2019

Nous certifions que les pièces énumérées ci-dessus ont été traitées en conformité avec votre commande et vos spécifications et rencontrent les exigences.
 Notre responsabilité financière et légale ne sera pas supérieure au montant de la facture issue.

We hereby certify that the parts listed above have been process in accordance with your purchase order and specifications and are in conformance with your requirements.
 Our financial and legal responsibility will not be higher than the amount of invoice.